

Band	Block LO Number	① LD Synthesizer Frequency (GHz)	② A25 HMA26.5 Frequency (GHz)	③ RF Synthesizer Frequency (GHz)	④ A10/A12/A13 Frequency (GHz)	A7/A8/A12/A13 Frequency (GHz)	A50/A51/A52/A53 Frequency (GHz)
1	1	0.01248 to 0.01248	0.01248 to 0.01248	0.010 to 0.014	0.010 to 0.014	0.010 to 0.014	0.010 to 0.014
2	1	0.01648 to 0.02148	0.01648 to 0.02148	0.014 to 0.019	0.014 to 0.019	0.014 to 0.019	0.014 to 0.019
3	1	0.02148 to 0.02648	0.02148 to 0.02648	0.019 to 0.027	0.019 to 0.027	0.019 to 0.027	0.019 to 0.027
4	1	0.02648 to 0.03148	0.02648 to 0.03148	0.027 to 0.038	0.027 to 0.038	0.027 to 0.038	0.027 to 0.038
5	1	0.03148 to 0.03648	0.03148 to 0.03648	0.038 to 0.053	0.038 to 0.053	0.038 to 0.053	0.038 to 0.053
6	1	0.03648 to 0.04148	0.03648 to 0.04148	0.053 to 0.075	0.053 to 0.075	0.053 to 0.075	0.053 to 0.075
7	1	0.04148 to 0.04648	0.04148 to 0.04648	0.075 to 0.105	0.075 to 0.105	0.075 to 0.105	0.075 to 0.105
8	1	0.04648 to 0.05148	0.04648 to 0.05148	0.105 to 0.146	0.105 to 0.146	0.105 to 0.146	0.105 to 0.146
9	1	0.05148 to 0.05648	0.05148 to 0.05648	0.146 to 0.205	0.146 to 0.205	0.146 to 0.205	0.146 to 0.205
10	1	0.05648 to 0.06148	0.05648 to 0.06148	0.205 to 0.290	0.205 to 0.290	0.205 to 0.290	0.205 to 0.290
11	1	0.06148 to 0.06648	0.06148 to 0.06648	0.290 to 0.396	0.290 to 0.396	0.290 to 0.396	0.290 to 0.396
12	1	0.06648 to 0.07148	0.06648 to 0.07148	0.396 to 0.500	0.396 to 0.500	0.396 to 0.500	0.396 to 0.500
13	1	0.07148 to 0.07648	0.07148 to 0.07648	0.500 to 0.628	0.500 to 0.628	0.500 to 0.628	0.500 to 0.628
14	1	0.07648 to 0.08148	0.07648 to 0.08148	0.628 to 0.800	0.628 to 0.800	0.628 to 0.800	0.628 to 0.800
15	1	0.08148 to 0.08648	0.08148 to 0.08648	0.800 to 1.000	0.800 to 1.000	0.800 to 1.000	0.800 to 1.000
16	1	0.08648 to 0.09148	0.08648 to 0.09148	1.000 to 1.300	1.000 to 1.300	1.000 to 1.300	1.000 to 1.300
17	1	0.09148 to 0.09648	0.09148 to 0.09648	1.300 to 1.500	1.300 to 1.500	1.300 to 1.500	1.300 to 1.500
18	1	0.09648 to 0.10148	0.09648 to 0.10148	1.500 to 2.000	1.500 to 2.000	1.500 to 2.000	1.500 to 2.000
19	1	0.10148 to 0.10648	0.10148 to 0.10648	2.000 to 2.300	2.000 to 2.300	2.000 to 2.300	2.000 to 2.300
20	1	0.10648 to 0.11148	0.10648 to 0.11148	2.300 to 2.500	2.300 to 2.500	2.300 to 2.500	2.300 to 2.500
21	1	0.11148 to 0.11648	0.11148 to 0.11648	2.500 to 3.000	2.500 to 3.000	2.500 to 3.000	2.500 to 3.000
22	1	0.11648 to 0.12148	0.11648 to 0.12148	3.000 to 3.300	3.000 to 3.300	3.000 to 3.300	3.000 to 3.300
23	1	0.12148 to 0.12648	0.12148 to 0.12648	3.300 to 3.500	3.300 to 3.500	3.300 to 3.500	3.300 to 3.500
24	1	0.12648 to 0.13148	0.12648 to 0.13148	3.500 to 3.800	3.500 to 3.800	3.500 to 3.800	3.500 to 3.800
25	1	0.13148 to 0.13648	0.13148 to 0.13648	3.800 to 4.000	3.800 to 4.000	3.800 to 4.000	3.800 to 4.000
26	1	0.13648 to 0.14148	0.13648 to 0.14148	4.000 to 4.500	4.000 to 4.500	4.000 to 4.500	4.000 to 4.500
27	1	0.14148 to 0.14648	0.14148 to 0.14648	4.500 to 5.000	4.500 to 5.000	4.500 to 5.000	4.500 to 5.000
28	1	0.14648 to 0.15148	0.14648 to 0.15148	5.000 to 5.500	5.000 to 5.500	5.000 to 5.500	5.000 to 5.500
29	1	0.15148 to 0.15648	0.15148 to 0.15648	5.500 to 6.000	5.500 to 6.000	5.500 to 6.000	5.500 to 6.000
30	1	0.15648 to 0.16148	0.15648 to 0.16148	6.000 to 6.500	6.000 to 6.500	6.000 to 6.500	6.000 to 6.500
31	1	0.16148 to 0.16648	0.16148 to 0.16648	6.500 to 7.000	6.500 to 7.000	6.500 to 7.000	6.500 to 7.000
32	1	0.16648 to 0.17148	0.16648 to 0.17148	7.000 to 7.500	7.000 to 7.500	7.000 to 7.500	7.000 to 7.500
33	1	0.17148 to 0.17648	0.17148 to 0.17648	7.500 to 8.000	7.500 to 8.000	7.500 to 8.000	7.500 to 8.000
34	3	8.8358 to 9.0051	8.8358 to 9.0051	13.250 to 13.510	13.250 to 13.510	26.500 to 27.020	26.500 to 27.020
35	3	9.0051 to 9.5025	9.0051 to 9.5025	6.750 to 7.125	13.510 to 14.250	27.020 to 28.500	27.020 to 28.500
36	3	9.5025 to 10.1358	9.5025 to 10.1358	7.125 to 7.600	14.250 to 15.200	28.500 to 30.400	28.500 to 30.400
37	3	10.1358 to 10.6891	10.1358 to 10.6891	7.600 to 8.300	15.200 to 16.300	30.400 to 32.000	30.400 to 32.000
38	3	10.6891 to 12.0338	10.6891 to 12.0338	8.300 to 8.925	16.300 to 18.000	32.000 to 36.100	32.000 to 36.100
39	3	12.0338 to 12.6958	12.0338 to 12.6958	9.025 to 9.520	18.000 to 19.040	36.100 to 38.000	36.100 to 38.000
40	3	12.6958 to 13.3358	12.6958 to 13.3358	9.520 to 10.000	19.040 to 20.000	38.000 to 40.000	38.000 to 40.000
41	3	13.3358 to 13.7125	13.3358 to 13.7125	10.000 to 10.133	19.040 to 20.000	40.000 to 42.330	40.000 to 42.330
42	3	8.7962 to 8.7979	8.7962 to 8.7979	13.510 to 13.520	10.133 to 11.455	26.500 to 45.800	26.500 to 45.800
43	3	7.6379 to 8.0012	7.6379 to 8.0012	15.275 to 16.025	11.455 to 12.000	22.910 to 24.000	45.800 to 48.000
44	3	8.0012 to 8.3346	8.0012 to 8.3346	16.025 to 16.661	12.000 to 12.500	24.000 to 25.000	48.000 to 50.000
45	3	8.3346 to 8.8346	8.3346 to 8.8346	16.661 to 17.661	12.500 to 13.250	25.000 to 26.500	50.000 to 53.000
46	3	8.8346 to 9.0079	8.8346 to 9.0079	17.661 to 18.100	13.250 to 13.510	26.500 to 27.020	53.000 to 54.000
47	3	9.0079 to 9.5512	9.0079 to 9.5512	18.100 to 18.100	6.750 to 7.163	27.020 to 28.500	54.000 to 57.300
48	3	9.5512 to 10.0179	9.5512 to 10.0179	18.100 to 20.038	7.163 to 7.513	14.325 to 15.025	28.500 to 30.500
49	3	10.0179 to 10.1346	10.0179 to 10.1346	20.038 to 20.261	7.513 to 7.600	15.025 to 15.200	30.500 to 30.400
50	3	10.1346 to 10.6879	10.1346 to 10.6879	20.261 to 21.3358	7.600 to 8.000	15.200 to 16.000	30.400 to 32.000
51	3	10.6879 to 11.1346	10.6879 to 11.1346	21.3358 to 22.261	8.000 to 8.300	16.000 to 16.300	32.000 to 36.100
52	3	11.1346 to 11.4679	11.1346 to 11.4679	22.261 to 23.3358	8.300 to 8.950	16.300 to 17.500	34.400 to 35.000
53	3	11.4679 to 11.8679	11.4679 to 11.8679	23.3358 to 24.000	8.950 to 9.500	17.500 to 18.000	35.000 to 36.100

Test Node	Error Description	Assembly	Frequency Band
8	Unavailable, Source 1, Out 1	A5	0.01 - 13.5 GHz
9	Unavailable, Source 1, Out 2	A5	0.01 - 13.5 GHz
10	Unavailable, Source 1 Synthesizer	A4	Full Range
11	Unavailable, Source 2, Out 1	A10	0.01 - 13.5 GHz
12	Unavailable, Source 2, Out 2	A10	0.01 - 13.5 GHz
13	Unavailable, Source 2 Synthesizer	A11	Full Range
14	Unavailable, LO Drive	A25	Full Range
15	Unavailable, LO Synthesizer	A15	Full Range
16	Unavailable, Source 1 Synthesizer, Integrator Low	A4	Full Range
17	Unavailable, Source 1 Synthesizer, Integrator High	A4	Full Range
18	Unavailable, Source 2 Synthesizer, Integrator Low	A17	Full Range
19	Unavailable, Source 2 Synthesizer, Integrator High	A17	Full Range
20	Unavailable, Source 2 Synthesizer, Prelevel	A17	Full Range
21	Unavailable, LO Synthesizer, Integrator Low	A15	Full Range
22	Unavailable, LO Synthesizer, Integrator High	A15	Full Range
23	Unavailable, Double 1, Prelevel	A8	13.5 - 70 GHz
24	Unavailable, Double 2, Prelevel	A8	13.5 - 70 GHz
25	Unavailable, Double 3, Prelevel	A12	13.5 - 70 GHz
26	Unavailable, Double 4, Prelevel	A13	13.5 - 70 GHz
27	Unavailable, Source 1, Prelevel	A5	13.5 - 70 GHz
28	Unavailable, Source 2, Prelevel	A10	13.5 - 70 GHz

